

Title (en)
Positioning of projected augmented reality content

Title (de)
POSITIONIERUNG VON PROJIZIERTEM INHALT MIT ERWEITERTER REALITÄT

Title (fr)
POSITIONNEMENT DE CONTENUS À RÉALITÉ AUGMENTÉE PROJETÉE

Publication
EP 2945374 A3 20151125 (EN)

Application
EP 15167554 A 20150513

Priority
AU 2014202574 A 20140513

Abstract (en)
[origin: EP2945374A2] A method of displaying augmented reality content (430) on a physical surface (440) is disclosed. A surface complexity measure is determined for the physical surface from a captured image of the physical surface. A content complexity measure is determined for the augmented reality content to be applied to the physical surface. The content complexity measure represents an amount of fine detail in the augmented reality content. The method determines if the amount of fine detail in the augmented reality content is to be modified, based on a function of the surface complexity measure and said content complexity measure. A display attribute of the augmented reality content is adjusted to modify the fine detail in the augmented reality content. The modified augmented reality content is displayed on the physical surface.

IPC 8 full level
H04N 9/31 (2006.01); **G06T 7/40** (2006.01)

CPC (source: EP US)
G06F 3/011 (2013.01 - EP US); **G06F 3/017** (2013.01 - EP US); **G06F 3/14** (2013.01 - EP US); **G06T 7/41** (2016.12 - EP US); **G06T 19/006** (2013.01 - EP US); **H04N 9/3188** (2013.01 - EP US); **H04N 9/3194** (2013.01 - EP US); **G09G 3/002** (2013.01 - EP US); **G09G 2370/022** (2013.01 - EP US)

Citation (search report)

- [XYI] EP 2712193 A1 20140326 - BLACKBERRY LTD [CA]
- [Y] EP 1443775 A2 20040804 - HEWLETT PACKARD DEVELOPMENT CO [US]
- [A] EP 0622722 A2 19941102 - RANK XEROX LTD [GB]
- [Y] FREEMAN, E. ET AL: "Messy Tabletops: Clearing Up the Occlusion Problem", CHI '13 EXTENDED ABSTRACTS ON HUMAN FACTORS IN COMPUTING SYSTEMS, 27 April 2013 (2013-04-27) - 2 May 2013 (2013-05-02), pages 1515 - 1520, XP058016034, ISBN: 978-1-4503-1952-2, DOI: 10.1145/2468356.2468627

Cited by
NO343601B1; NO20180179A1; US10789780B1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2945374 A2 20151118; EP 2945374 A3 20151125; EP 2945374 B1 20201111; AU 2014202574 A1 20151203; US 2015332507 A1 20151119; US 9721391 B2 20170801

DOCDB simple family (application)
EP 15167554 A 20150513; AU 2014202574 A 20140513; US 201514709267 A 20150511